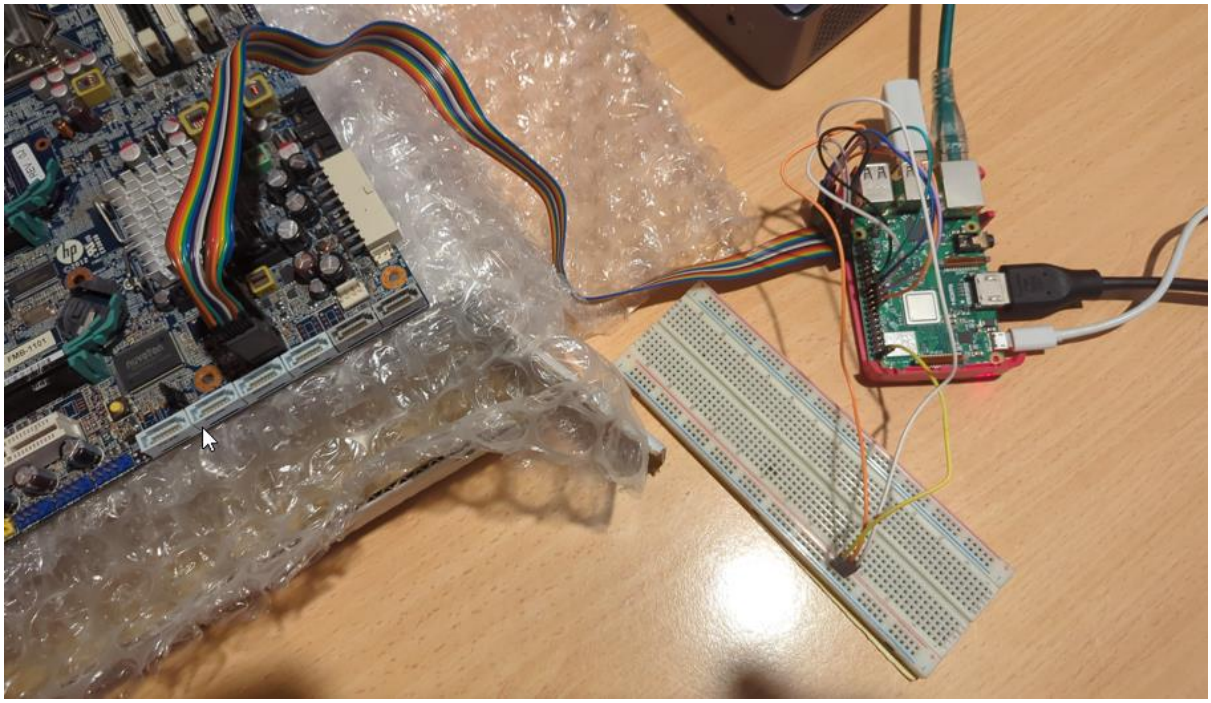
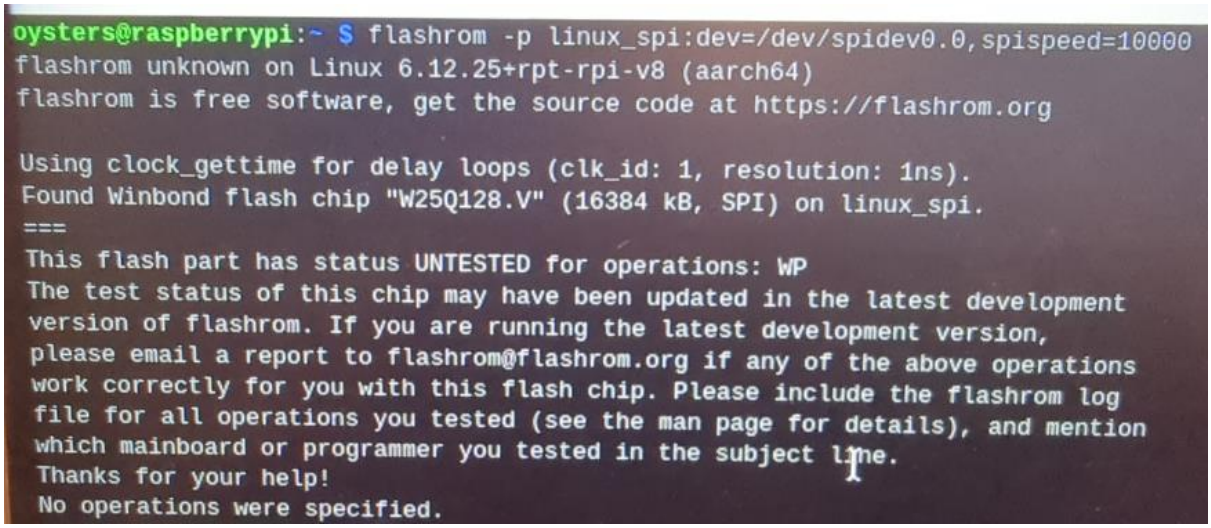
Connection & Reading



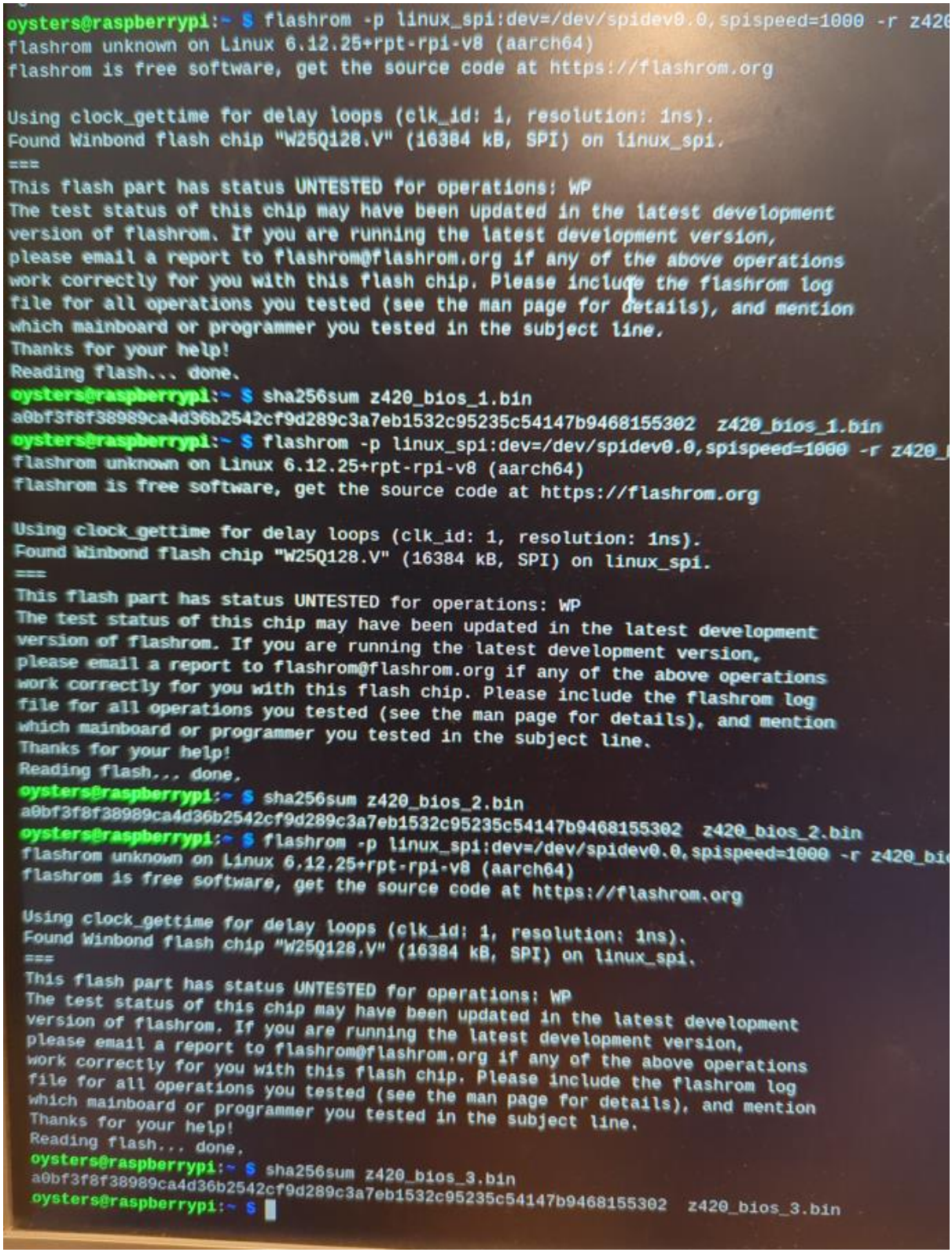
Used Rasbperry Pi 3B.

Connectors were mainly M-F for most connections from the plug of the clip (directly connected) and M-M used for power on the breadboard due to not enough pins available on the Pi.

Wiring diagram on SuperThunders write-up. Tried to minimise connections, particularly for data lines.



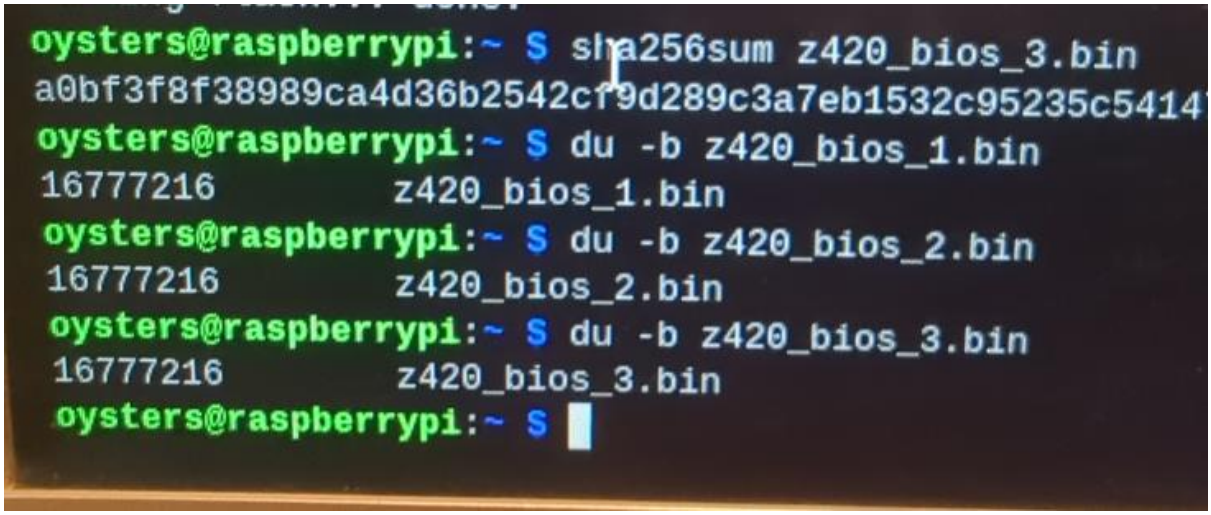
Successful connection will show “Found” and your chip type in this case wasthe standard Winbond.



Same hash values from 3 reads.

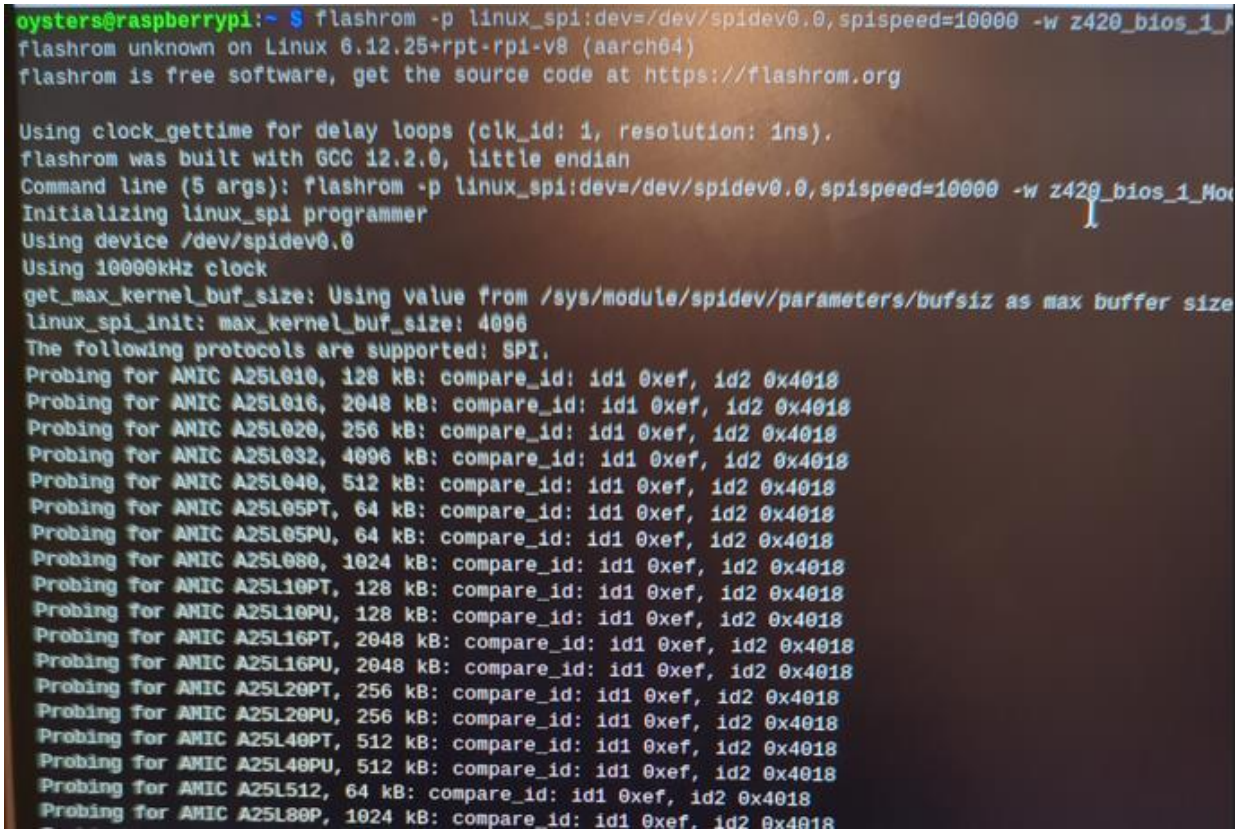
Checking

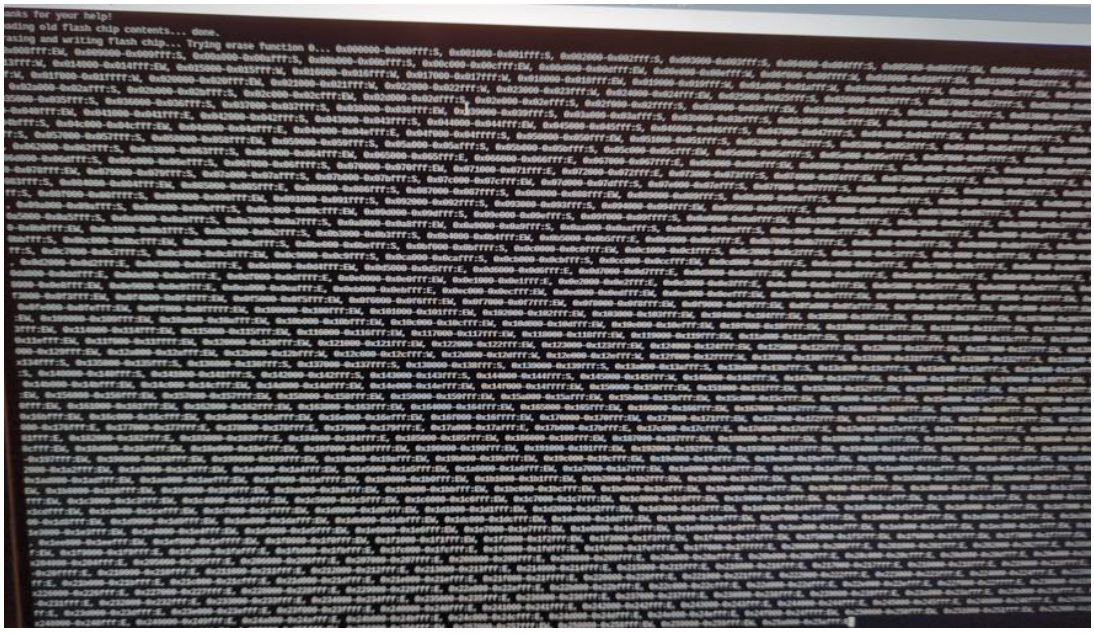
Completed 3 downloads from the chip (saved as z420_bios_1, 2, 3.bin) and checked hash value to ensure all are the same.



Checked size, all the same, should be 16777216.

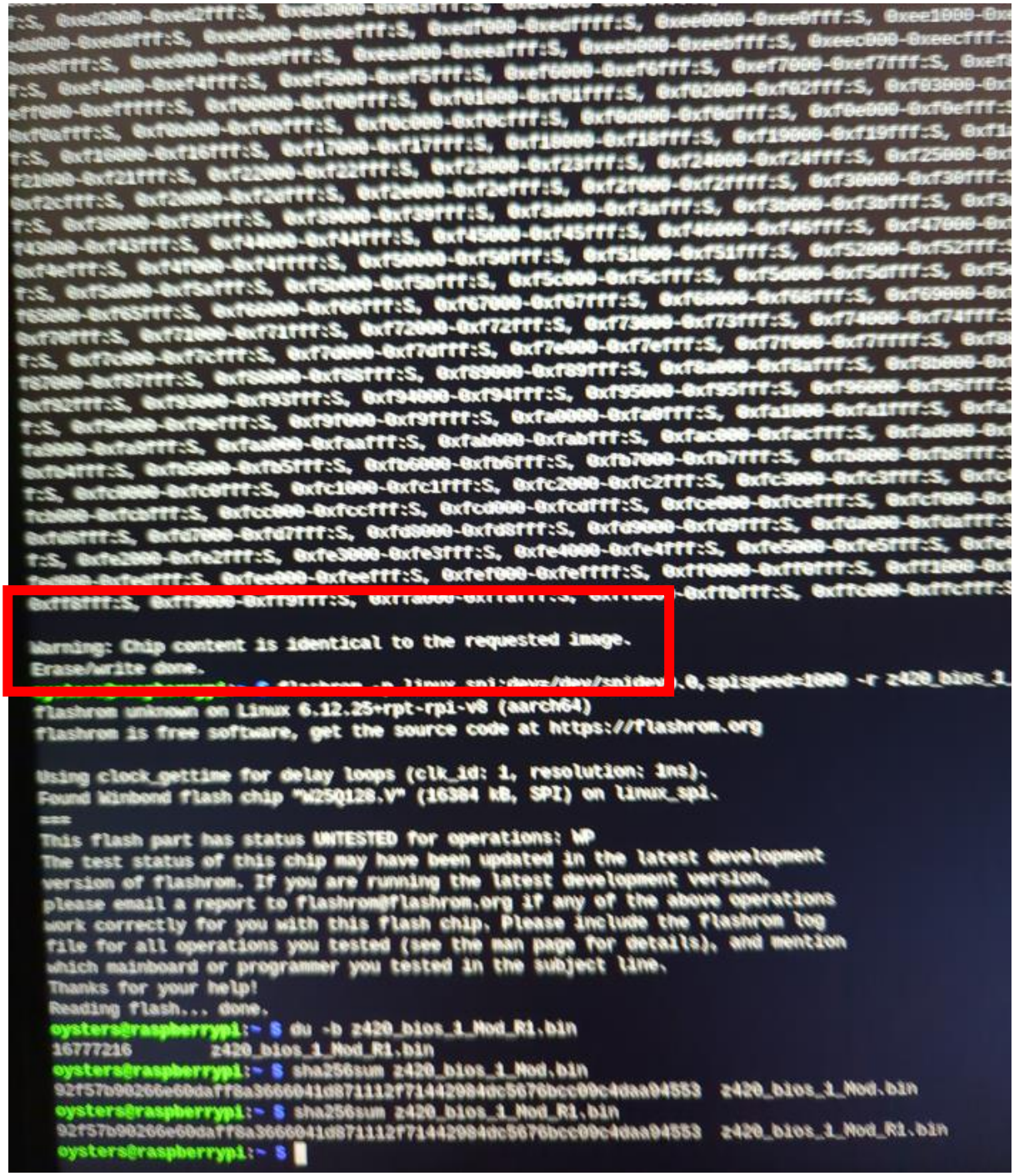
Writing to Chip



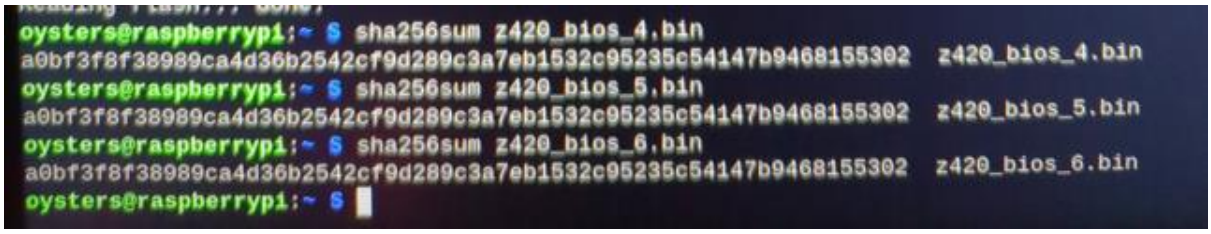


After this it failed to complete, didn't catch that screen. However after detatching and re-attaching clip to the Bios chip, checking with a read and re-writing it declared: *"Warning: Chip content is identical to the requested image"*

The whole time the raspberry Pi was throwing low voltage warnings despite having large enough power supply. Larger supply was used for the second write which probably helped it finish.



Checking



After flashing (writing), read again 3 times and checked hash was the same.

Opened those bins with bin used to write in HxD and they were the same.